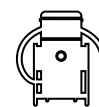


TECHNICAL SHEET

INDUSTRIAL VACUUM DF 40 Z2-Z22 II3GD

ATEX Z2-Z22

The **DF 40 Z2-Z22** is an **ATEX Z22** certified industrial vacuum cleaner with a **three-phase fan** that allows you to **vacuum volatile or suspended dust** with an articulated arm or extraction hood. Inside the vacuum cleaner there is a large surface filter in **antistatic polyester** (24,000 cm²), **M class certified**, with a **filtration efficiency** of 1 micron, to vacuum **electrostatically charged dust in total safety**. In addition, it is possible to install an **H14 filter** for situations that require the **suction of the finest dust**. To clean the filter there is a very effective **manual filter cleaning system** as standard. Thanks to a lever outside the filtering chamber, the operator is able to **shake the filter and deposit the dust directly in the collection container**. On request, it is possible to install an **automatic piston filter shaking system** or a **counter-current filter cleaning system**. The unit is equipped with a **release container on wheels** with a capacity of **65Lt** in **AISI 304 stainless steel**.

**POWER**
4 kW**SURFACE**
45.000 cm²**CAPACITY**
65 Lt



SUCTION UNIT

The vacuum is generated by an ATEX certified electric fan designed specifically to guarantee the best air flow while maintaining a good level of depression.



FILTERING ELEMENT

The main filter is made of sturdy antistatic polyester. Inside the fabric, there is a conductive net which avoids any electrostatic charge. The star shape ensures a large filter surface in a compact space and the passage of the air also when the filter is dirty. The fabric of the filter is M class (BIA | EN 60335-2-69) certified. It means that all particles until 1 micron are stopped by the filter, so as to protect the blower and the operator around the vacuum cleaner.



INLET DEFLECTOR

The inlet deflector is specifically designed to convey the material towards the container. Connection flanges or reduction flanges of different diameters (100 - 200 mm) can be attached to the deflector according to requirements.



COLLECTION BIN

The vacuumed material is collected in an AISI 304 stainless steel container, equipped with a metal handle that enables the bin to be detached from the machine, to avoid any spark that could be generated by the electrostatic charge. Thanks to the 4 sturdy pivoting wheels, the bin can be moved very easily to then dispose of the collected material. Each wheel is reinforced to guarantee maximum stability during handling.

TECHNICAL DATA

ENGINE		PRIMARY FILTER		MACHINE	
Suction type	fan	Type	star filter	Inlet	150 180 200 Ø mm
ATEX Marking	II 3 G/D Ex htc IIIB T140°C Gc/Dc	Class EN 60335-2-69	M Class	Dimensions	630 x 1100 mm
Voltage	400 V	Media	antistatic polyester	Height	2150
IP	55	Filter cleaning	manual shaker	Weight	145 Kg
Maximum vacuum	370 340 270 mBar				
Maximum air flow	1500 2100 2700 m3/h				
Noise level - (EN ISO 3744)	77 dB(A)				
Frequency	50/60 Hz				
Power	5,5 HP				
Insulation class	F				
Available static inlet pressure	300 270 200				

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



PSC
Semiautomatic pneumatic filter shaker



SP
Automatic reverse jet cleaning system Antistatic M class filter (EN 60335-2-69), 4 Polyester filter cartridges, 12 m² filter surface

OPTIONS

AVAILABLE FILTER MEDIA



PTFE ANT
Antistatic PTFE filter (M class EN 60335-2-69)

OPTIONS

STRUCTURE AND OPTIONS



BX
Stainless steel bin AISI 304



GX
Stainless steel bin and chamber AISI 304

ACCESSORY



P12370

ATEX certified stainless steel suction arm \varnothing 150mm/ L 3m
150mm diameter suction arm jointed in three parts for a total length of 3 metres. Construction in AISI 316 stainless steel, completely conductive and ATEX certified for working with certified vacuum cleaners and in ATEX classified environments. On request the ATEX arm can be supplied entirely in grade 316 stainless steel suitable for food, chemical and pharmaceutical industries



P12359

Galvanized metal clamp \varnothing 150mm
Metal clamp with galvanised steel screw
150 mm diameter



P12360

Galvanized metal clamp \varnothing 180mm
Metal clamp with galvanised steel screw
180 mm diameter



P12362

Galvanized metal clamp \varnothing 200mm
Metal clamp with galvanised steel
screw 200 mm diameter



P12300/150

Flanged reduction for hose \varnothing 150mm
Coupling flange on DF industrial vacuum for 150 mm
diameter flexible hose



P12300/180

Flanged reduction for hose \varnothing 180mm
Coupling flange on DF industrial vacuum for
180 mm diameter flexible hose



P12300/200

Flanged reduction for hose \varnothing 200mm
Coupling flange on DF industrial vacuum for
200 mm diameter flexible hose



P12334

Flanged reduction for arm \varnothing 160mm
Coupling flange on DF industrial
vacuum for 160 mm diameter flanged
arm



P12335/70

"Y" reducer for DF \varnothing 70/70mm
70mm diameter "Y" reducer for DF industrial vacuums



P12335/100

"Y" reducer for DF \varnothing 100/100mm
100mm diameter "Y" reducer for DF
industrial vacuums



P12335/120

"Y" reducer for DF \varnothing 120/120mm
120mm diameter "Y" reducer for DF
industrial vacuums